

AMENDMENTS TO THE SPECIFICATION:

Please amend the indicated paragraphs of the specification in accordance with the amendments indicated below.

Page 2: Third full paragraph, amend as indicated below:

[0006] Linoleic acid (Z,Z-9,12-octadecadienoic acid) and linolenic acid (Z,Z,Z-9,12,15-octadecatrienoic acid) as essential fatty acids are irreplaceable for human nutrition. Arachidonic acid (5,8,11,14-eicosatetraenoic acid) is the precursor of the physiologically important eicosanoids. EPA and DHA (omega-3 fatty acids) are not only crucial in early childhood brain development, but also are of prophylactic/therapeutic benefit in cardiovascular diseases, rheumatic diseases, chronically inflammatory bowel diseases, neurodermatitis, psoriasis and allergies. It was e.g. demonstrated, that the mortality rate of patients after having suffered from a cardiac infarction was significantly reduced by the daily ingestion of omega-3 fatty acids (GISSI study). Of particular interest are structurally exceptional fatty acids, which exhibit further biological properties. The hydroxy fatty acids coriolic acid (13-HODE Z,E) and dimorphecolic acid (9-HODE E,Z) being isolated from an *Oscillatoria* species, similar to the linolenic acid are characterized ~~characterised~~ by an antibacterial activity (Kreitlow, S.: Dissertation Greifswald 2000).

Page 10: Third full paragraph, amend as indicated below:

[0039] The microparticles and nanoparticles produced according to the described method allow for a use in very diverse fields. Surprisingly, there was a significantly improved bioavailability of the novel substances in comparison to the pure substances. This allows for a use of the particles as caring components in cosmetic products alone or in combination with other care products. The novel substances can be readily ~~[[be]]~~ incorporated into other care complex bases. The formulations according to the invention have a particular softening and caring effect on the skin. Just as fat emulsions, the particles display only a low systemic toxicity and hardly any cytotoxicity.

Page 14: Fourth full paragraph, amend as indicated below:

[0054] The characteristics of the invention are fully defined by the elements of the ~~claims and by the~~ description, wherein both single characteristics and more characteristics in the form of combinations constitute advantageous embodiments, for which protection is applied for by this specification.